

DIOCEOGONE	CITATION	• •	OLB
Appln. No.		10/152,04	10
			AUG 2 1 2002 2
Group:	Unassigned		The state of the s
NT DOCUMENT	9		(A) Operation
1	1	Sub	Filing Date
Name	Olass	Class	If Appropriate
			RECEIVE
			AUG 2 3 2002
TENT DOCUME	NTS	-,-,	TECH CENTER 1600/
Country	Class	Sub Class	Translation Yes or No
			· · · · · · · · · · · · · · · · · · ·
haracterization of er Res. 54:6359-64 and C. Bona. "DN. of influenza virus," D. Morrow. "Express from chimeric Hand S. Van der Worloogy 224:34-4 aright, L. Sumerel, of a messenger lelle, F. Denamur, "Protection against the series of the ser	poliovirus repid (1994). A immunization Viral Immunoression of humbly-1-poliovirus erf. "Effects of 2 (1996). M. J. Pike, F. RNA polynucle R. Meykens, Const homologo	n of newbord. 9:207-1 an immune minireplication of P2 cleaves Johanning cotide vacco	orn mice with a 0 (1996). codeficiency virus type cons," <i>J. Virol.</i> age site mutations on 4 R. Benjamin, D. Lu, ine vector," <i>Cancer</i> S. Veenstra, M. (a challenge by
Date Conside	red 9_5	-03	
	, ,		
r not citation is in d not considered.		with MPEP	
	Appln. No. Group: INT DOCUMENT: Name Country Country	Group: Unassigned INT DOCUMENTS Name Class Author, Title, Date, Pertinent F. C. Porter, D. E. Walker, R. M. C. haracterization of poliovirus replar Res. 54:6359-64 (1994). Ind C. Bona. "DNA immunization of influenza virus," Viral Immuno of influenza virus, vi	Group: Unassigned INT DOCUMENTS Name Class Sub Class Class Class Sub Class Class Class Sub Class Class Class Class Country Class Sub Cla

					01	PX
Atty. Docket No.	03495.0229-00	Appln. No.		10/152,040	7,	4
Applicants	Nicolas ESCRIOU et al.				\$ AUG 2 1	2002
Filing Date	May 22, 2002	Group:	Unassigned	, 0 0	THE STATE OF THE S	SER. P.
					The state of the s	N

-		U.S. PATENT	DOCUMENTS			
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
						RECEIVE
						AUG 2 3 2002

FOREIGN PATENT DOCUMENTS					TECH CENTER 1600/290	
Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No	

			OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
1r	ካ	J	Donnelly, M. L., D. Gani, M. Flint, S. Monaghan, and M. D. Ryan. "The cleavage activities of aphthovirus and cardiovirus 2A proteins," <i>J. Gen. Virol.</i> 78:13-21 (1997).	سد
			Duke, G. M., and A. C. Palmenberg. "Cloning and synthesis of infectious cardiovirus RNAs containing short, discrete Poly(C) tracts," <i>J. Virol.</i> 63:1822-1826 (1989).	_
		Y	Escriou, N., C. Leclerc, S. Gerbaud, M. Girard, and S. van der Werf. "Cytotoxic T-cell response to Mengo virus in mice: effector cell phenotype and target proteins," <i>J. Gen. Virol.</i> 76:1999-2007 (1995).	_
		Ņ	Fleeton, M. N., M. Chen, P. Berglund, G. Rhodes, S. E. Parker, M. Murphy, G. J. Atkins, and P. Liljeström. "Self-replicating RNA vaccines elicit protection against Influenza A Virus, Respiratory Syncytial Virus, and a Tickborne Encephalitis Virus," J. Infect. Dis. 183:1395-8 (2001).	
		V	Frolov, I., T. A. Hoffman, B. M. Pragai, S. A. Dryga, H. V. Huang, S. Schlesinger, and C. M. Rice. "Alphavirus-based expression vectors: strategies and applications," <i>PNAS-USA</i> 93:11371-7 (1996).	1
	b	Y	Kaplan, G., and V. R. Racaniello. "Construction and characterization of poliovirus subgenomic replicons," <i>J. Virol.</i> 62:1687-96 (1988).	_

Examiner 0	din Monsoles	Date Considered	9-5-03	-
*Examiner:	Initial if reference considered, whether or through citation if not in conformance and communication to applicant.			
Form PTO 1449	9 Patent an	d Trademark Office	- U.S. Department of Comn	nerce

Atty. Docket No.	03495.0229-00		Appln. No.		10/152,040	OIPE
Applicants	Nicolas ESCRIOU et	al.				AUG 2 1 2000
Filing Date	May 22, 2002		Group: L	Jnassigned		2002
	•	<u>-</u>				A R. DOWN
		U.S. PATEN	IT DOCUMENTS			
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
						RECEIV
						AUG 2 3 200
		FOREIGN PAT	ENT DOCUMENT	TS		TECH CENTER 1600
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
						
		<u> </u>				
	OTHER DOCUMEN	TS (Including A	uthor, Title, Date,	, Pertinent F	Pages, Etc.))
Ary	Kieny, M. P., G. Ra Chamaret, A. Laure recombinant vaccin	ent, L. Montagnier	, and J. P. Lecoco	q. "AIDS viru		I. Girard, S. in expressed from a—
	Kingsbury, D. W., I. using recombinant				enza ribonuo	cleoprotein in vitro
	Mohert P. F. N. Es	criou I Ruelle a	and T. Michiele "/	A coding PN	Δ εραμορέο	acts as a replication

ν	signal in cardioviruses," PNAS-USA 96:11560-5 (1999).	
V	Lu, H. H., L. Alexander, and E. Wimmer. "Construction and genetic analysis of dicistronic polioviruses containing open reading frames for epitopes of human immunodeficiency virus type 1 gp120," J. Virol. 69:4797-806 (1995).	_
	Martinon, F., S. Krishnan, G. Lenzen, R. Magno, E. Gomard, JG. Guillet, JP. Levy, and P. Meulien. "Induction of virus-specific cytotoxic T lymphocytes <i>in vivo</i> by liposome-entrapped mRNA," <i>Eur. J. Immunol.</i> 23:1719-1722 (1993).	_
	Moldoveanu, Z., D. C. Porter, A. Lu, S. McPherson, and C. D. Morrow, "Immune responses	_

Moldoveanu, Z., D. C. Porter, A. Lu, S. McPherson, and C. D. Morrow. "Immune responses induced by administration of encapsidated poliovirus replicons which express HIV-1 gag and envelope proteins," *Vaccine*. 13:1013-22 (1995).

Examiner	Ardn Marali	Date Considered 9-5-03
*Examiner:		whether or not citation is in conformance with MPEP 609; draw line rmance and not considered. Include copy of this form with next
Form PTO 144	9	Patent and Trademark Office - U.S. Department of Commerce

Atty. Docket No.	03495.0229-00	Appln. No.		10/152,040	101	PER
Applicants	Nicolas ESCRIOU et al.				AUG :	2 1 2002
Filing Date	May 22, 2002	Group:	Unassigned		18 Table	e P
					7 TR.	CONTRACTOR OF THE PERSON OF TH

		U.S. PATENT	DOCUMENTS		* **	
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
						RECEIVE
						AUG 2 3 2002
		EODEIGN DATEN	IT DOCUMENT			TECH CENTER 1600/29

7,5541 - T	FOREIGN PATE	NT DOCUMENT	 S	<u> </u>	TECH CENTER 160	0/ 29
Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No	

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
Any	Michols, W. W., B. J. Ledwith, S. V. Manam, and P. J. Troilo. "Potential DNA vaccine integration into host cell genome," <i>Annals of the New York Academy of Sciences</i> 772:30-9 (1995).
	Oukka, M., J. C. Manuguerra, N. Livaditis, S. Tourdot, N. Riche, I. Vergnon, P. Cordopatis, and K. Kosmatopoulos. "Protection against lethal viral infection by vaccination with nonimmunodominant peptides," <i>J. Immunol.</i> 157:3039-45 (1996).
	Percy, N., W. S. Barclay, M. Sullivan, and J. W. Almond. "A poliovirus replicon containing the chloramphenicol acetyltransferase gene can be used to study the replication and encapsidation of poliovirus RNA," <i>J. Virol.</i> 66:5040-6 (1992).
	Pogulis, R. J., A. N. Vallejo, and L. R. Pease. "In vitro recombination and mutagenesis by overlap extension PCR," Methods Mol Biol. 57:167-76 (1996).
	Porter, D. C., J. Wang, Z. Moldoveanu, S. McPherson, and C. D. Morrow. "Immunization of mice with poliovirus replicons expressing the C-fragment of tetanus toxin protects against lethal challenge with tetanus toxin," <i>Vaccine</i> 15:257-64 (1997).
V	Pushko, P., M. Parker, G. V. Ludwig, N. L. Davis, R. E. Johnston, and J. F. Smith. "Repliconhelper systems from attenuated Venezuelan equine encephalitis virus: expression of heterologous genes <i>in vitro</i> and immunization against heterologous pathogens <i>in vivo</i> ," <i>Virology</i> 239:389-401 (1997).

Examiner	Ardn	Marale	Date Considered 9-5-03		
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				
Form PTO 1	449		Patent and Trademark Office - U.S. Department of Commerce		

					-61	PA
Atty. Docket No.	03495.0229-00	Appln. No.		10/152,040	70.	67
Applicants	Nicolas ESCRIOU et al.				AUG 2	1 2002
Filing Date	May 22, 2002	Group:	Unassigned	,	X ₁	SEER.
					A TRIN	No. 150

_		U.S. PATENT	DOCUMENTS			
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
						RECEIV
						AUG 2 3 200

	FOREIGN PATE	NT DOCUMENT	S		TECH CENTER 160	J Q /29
Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No	

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
AM		Qiu, P., P. Ziegelhoffer, J. Sun, and N. S. Yang. "Gene gun delivery of mRNA in situ results in efficient transgene expression and genetic immunization," <i>Gene Therapy</i> 3:262-8 (1996).
	>	Sambrook, J., E. F. Fritsch, and T. Maniatis. "Molecular cloning: a laboratory manual," 2nd ed, vol. 1, Cold Spring Harbor Laboratory Press, New York (1989).
		Ulmer, J. B., J. J. Donnelly, S. E. Parker, G. H. Rhodes, P. L. Felgner, V. J. Dwarki, S. H. Gromkowski, R. R. Deck, C. M. DeWitt, A. Friedman, L. A. Hawe, K. R. Leander, D. Martinez, H. C. Perry, J. W. Shiver, D. L. Montgomery, and M. A. Liu. "Heterologous protection against influenza by injection of DNA encoding a viral protein," <i>Science</i> 259:1745-1749 (1993).
		Ulmer, J. B., T. M. Fu, R. R. Deck, A. Friedman, L. Guan, C. DeWitt, X. Liu, S. Wang, M. A. Liu, J. J. Donnelly, and M. J. Caulfield. "Protective CD4+ and CD8+ T cells against influenza virus induced by vaccination with nucleoprotein DNA," <i>J. Virol.</i> 72:5648-53 (1998).
	<	Vignuzzi, M., S. Gerbaud, S. van der Werf, and N. Escriou. "Expression of a membrane-anchored glycoprotein, the Influenza hemagglutinin, by dicistronic replicons derived from the poliovirus genome," <i>J. Virol.</i> 76:5285-90 (2002).
V	, >	Vignuzzi, M., S. Gerbaud, S. van der Werf, and N. Escriou. "Naked RNA immunization with replicons derived from the poliovirus and Semliki Forest virus genomes for the generation of a cytotoxic T cell (CTL) response against the Influenza A virus nucleoprotein," <i>J. Gen. Virol.</i> 82:1737-47 (2001).

Examiner	Andin Maraha	Date Considered	9-5-03			
*Examiner:	*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					
Form PTO 1	1449	Patent and Trademark Office -	U.S. Department of Commerce			

INFORMATION DISCLOSURE CITATION						
Atty. Docket No.	03495.0229-00		Appin. No.		10/152,04	10 0 10
Applicants	Nicolas ESCRIOU et	al.				(AUS 2 1 2002 =)
Filing Date	May 22, 2002		Group: L	Jnassigned		And I
		U.S. DATENT	T DOCUMENTS			A TRANSPORT
			1		·	
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
						RECEIVED
			<u></u>			AUG 2 3 2002
	**************************************	FOREIGN PATE	NT DOCUMEN	TS		TECH CENTER 1600/2900
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or N
	OTHER DOCUMEN					
Am.						sistence of plasmid etics. 1:363-9 (1992).
						s RNA-nucleoprotein ol. Chem. 265:11151=
	Ying, H., T. Z. Zaks M. P. Restifo. "Can (1999).					a, W. W. Leitner, and Medicine 5:823-7
	Zhou, X., P. Berglui Semliki Forest virus					
	Kurth, R. "Risk pote 772:140-51 (1995).		osomal insertion	of foreign D	NA," <i>Ann.</i>	N.Y. Acad. of Sci.
V 1	Manuguerra, J.C. a and laboratory diag					seases, surveillance 7 (1999).
Examiner A	In Marsly		Date Considere	ed '	9-5-0)3
th	itial if reference considerough citation if not in communication to application	conformance and n				
Form PTO 1449		Patent and	Trademark C	Office - U.S	. Departr	ment of Commerce

Atty. Docket No.	03495.0229-00		Appln. No.		10/152,04	10 IPE
Applicants	Nicolas ESCRIOU e	et al.				
Filing Date	May 22, 2002		Group: Ur	nassigned		AUG 2 1 2002
						Que de la constante de la cons
		U.S. PATENT	DOCUMENTS			
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
						RECEIVED
						AUG 2 3 200V
		FOREIGN PATE	ENT DOCUMENTS	S		TECH CENTER 1600/2900
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
	OTHER DOCUME	NTS (Including Au	thor. Title. Date.	Pertinent P	Pages, Etc	(
AM	Hoerr, I., R. Obst,		and G. Jung. "In	vivo applica	ation of RN	IA leads to induction
	Hinton. T.M. and E	al entry site which fo	ovel picornavirus E unctions similarly t	Equine rhini to that of Er	tis B virus	contains a strong type lyocarditis virus," J.
	Yokoyama, M. J. Z lymphocytic choric	Zhang, and J.L. Whi	itton. "DNA immur ection," <i>J. Virol.</i> 69	nization cor 0:2684-88 (nfers prote 1995).	ction against lethal
Rodriguez, F. L.L. An, S. Harkins, J. Zhang, M. Yokouama, G. Widera, J.T. Fuller, C. Kincaid, I.L. Campbell, and J.L. Whitton. "DNA immunization with minigenes: low frequency of memory cytotoxic T lymphocytes and inefficient antiviral protection are rectified by ubiquitination," <i>J. Virol.</i> 72:5174-81 (1998).						
Examiner	In Marsh.	,	Date Considered	9-5	-03	
th	() () () ()					
Form PTO 1449		Patent and	Trademark Off	fice - U.S	. Departr	ment of Commerce

PTO/SB/O8A (08-00)

Approve use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



Complete if Known Substitute for form 1449APTO **Application Number** 09/780,901 Filing Date February 9, 2001 INFORMATION DISCLOSURE First Named Inv ntor Boehm, Charlene A. STATEMENT BY APPLICANT **Group Art Unit** 4642 [631 **Examiner Name** Unassigned (use as many sheets as necessary) Attorney Docket Number 46607-248184

U.S. PATENT DOCUMENTS U.S. Patent Document Pages, Columns, Lines Where Relevant Kind Code² Cite No.1 Date of Publication Examiner (if known) Name of Patentee or Applicant Cited Document MM-DD-YYYY Passages or Relevant of Cited Document Figures Appear 6,221,094 B1 1 Bare, J. E. 04-24-01

			· · · · · · · · · · · · · · · · · · ·	FOREIGI	N PAT	ENT DOCUMEN	ITS			
Examiner Initials*	Cite No.1	For Office ³	Foreign Patent Document Kind Code ² Number ⁴ (if known)		Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document MM-DD-YYYY		Pages, Columns, Lines, Where Relevant Passages or Relevant	Τ¢
									Figures Appear	
		ОТН	ER PRIOF	R ART - NO	ON PA	TENT LITERAT	URE	DOCUMENT	'S	
Examiner Initials*	Cite No.1		Include na item (book,	ame of the auth magazine, jour	or (in CAPITAL LETTERS), title of the article (when appropriate), title of the nal, serial, symposium, catalog, etc.), date, page(s), volume 155 te number(s), publisher, city and/or country where publisher.				opriate), title of the implies the number(s),	T ²
Ah	2		wards, G.S. ne 1985.	et al., Micro	wave-F	ield-Driven Acous	II II 122	-	7 BIOPHYS. J. 799,	
								FEB 27	• • •	
							TFC	H CENTEP	160012300	
-										

Examiner Signature	Ardin Marochos	Date Considered	9-5-03

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.



Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 46607-248184

WINLIB01:933102.1

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box

1 9 2001

PTO/SB/OSA (08-00)

Approved for use through 10/31/2002. OVER 651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE to respond to a collection of information unless it contains a valid OMB counted number

06-18-85 04-08-75

Under the Paperwork Red THE DENI

Substitute for form 1449APTO

Sheet 1 of 3

12

13

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

4,524,079

3,876,373

Complete if Known				
Application Number	09/780,901			
Filing Date	February 9, 2001			
First Named Inventor	Boehm, Charlene A.			
Group Art Unit	Unknown			
Examiner Name	Unknown			
Attorney Docket Number	46607-248184			

			U.S. P	ATENT DOCUMENTS		
		U.S. Patent Do	ocument			
Examiner Initials*	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
BM	1	6,060,293		Bohr et al.	05-09-00	
1	2	6,004,257		Jacobson	12-21-99	
	3	5,908,441		Bare	06-01-99	
	4	5,891,182		Fleming	04-06-99	
	5	5,690,692	Ì	Fleming	11-25-97	
	6	5,676,695	:	Di Mino et al.	10-14-97	-
	7	5,658,322		Fleming	08-19-97	
	8	5,556,418		Pappas	09-17-96	
	9	5,552,274		Oyama et al.	09-03-96	
	10	5,326,446		Binger	07-05-94	
	11	5,091,152		Thomas, Sr.	02-25-92	

Hofmann

Glyptis

of Pages, Columns, Lines,
Where Relevant Passages or Relevant Figures Appear

- Internation					
Examiner Signature	Ardi	Margarel	Date Considered	9-5-03	
			W 11050 000 D W W W W W		

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

APR 1 9 2001

PTO/SB/OBA (08-00)

Approved for use through 10/31/2002. OME 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE to a collection of information unless it contains a valid OMB coard number

Substitute for form 1449APTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

2 of 3

DEMARKS Con	nplete if Known	=
Application Number	09/780,901	
Filing Date	February 9, 2001	
First Named Inventor	Boehm, Charlene A.	- 3
Group Art Unit	Unknown	2
Examiner Name	Unknown	-
Attorney Docket Number	46607-248184	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
M	16	ALEXJANDER, S., The Infrared Frequencies of DNA Bases: Science and Art – Connecting with Our Bodies through "Molecular Music". <i>IEEE Engineering in Medicine and Biology</i> , pp. 74-79, March/April 1999.	1
	17	COMINOLE, B., Clinical Impressions and Speculations on the Use of High- Frequency Pulsed Energy, Paper presented at symposium given by The Dr. Abraham J. Ginsberg Foundation for medical research on June 29, 1959.	1
	18	CUTNELL, J.D. et al., The Electromagnetic Spectrum, in Physics, second ed., p. 698, John Wiley & Sons, 1992.	1
	19	EDWARDS, G. S. et al., Resonant Microwave Absorption of Selected DNA Molecules, <i>Physical Review Letters</i> , vol. 53, no. 13, pp. 1284-1287, Sep. 28, 1984.	V
	20	FLEMING, H., Effect of High-Frequency Fields on Micro-Organisms, Essential substance of a paper, "A Study of the Effect of High-Frequency Fields on Micro-Organisms," presented at a joint meeting on the Portland (Oreg.) Section and the Oregon State College Branch, Corballis, May 16, 1942, www.rife.org/hflem.htm.	V
	21	FRÖHLICH, H., Long-Range Coherence and Energy Storage in Biological Systems, <i>International Journal of Quantum Chemistry</i> , Vol. II, pp. 641-649, 1968.	1
	22	GINSBERG, A. J., Pulsed Short Waves in the Treatment of Bursitis with Calcification, presented at the 36 th Annual Meeting of the American Congress Of Physical Medicine And Rehabilitation, August 24-29, 1958.	V
	23	GRUNDLER, W. et al., Resonant Cellular Effects of Low Intensity Microwaves, in H. Frohlich, editor, Biological Coherence and Response to External Stimuli, Springer-Verlag Publishers, 1988.	V
	24	GRUNDLER, W. et al., Sharp Resonances in Yeast Growth Prove Nonthermal Sensitivity to Microwaves, <i>Physical Review Letters</i> , vol. 51, pp. 1/214-1216, Sep 26, 1983.	✓
	25	HAKIM, M. B. et al., The Speed of Sound in DNA, <i>Biopolymers</i> , vol. 12, 1984, pp. 1185-1192.	V
	26	HECHT, E., Table 17.3, The permittivity (ε) and relative permitivity (ε/ε ₀) of some common substances, Physics Calculus, Volume Two, p. 664, Brooks/Cole Publishing Co., 1996.	✓
	27	JACOBSON, J. I., The Mathematical Framework Essential for Magneto-Therapy in the Treatment of Genomic and Associated Disorders, including Cancer, AIDS, and CNS Regeneration, <i>Panminerva Medica</i> , vol. 31, no. 1, pp. 1-7, January-March 1989.	
	28	LIDE, D. R., editor, CRC Handbook of Chemistry and Physics, 76 th Edition, pp. 1-1, 1-5, 1-10, 1-11, & 1-12, CRC Press, Inc., 1995.	V
	29	Lynes, B., Royal Raymond Rife and the Cancer Cure That Worked!, in Jonathan Eisen, Suppressed Inventions & Other Discoveries, pp. 126-139, Avery Publishing Group, 1999.	
V	30	MAINGUY, J-C. et al., Evolution of Neoplasic Cells in Culture under the	V

Substitute for form 1449APTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Under the Paperwork Reduction Act of

(use as many sheets as necessary)

3 of 3

Con	nplete if Known	N N	١
Application Number	09/780,901	111	٩
Filing Date	February 9, 2001	====	٩
First Named Inventor	Boehm, Charlene A.	9	1
Group Art Unit	Unknown	00	700
Examiner Name	Unknown	2/	ΙĒ
Attorney Docket Number	46607-248184	96	ı
		0/	,

		Influence of Electromagnetic Fields, Erfahrungs Heilkunde, Acta Medica	
	ļ	Empirical, pp. 398-404, 1997.	
1h	31	MCINTURFF, B., The Consolidated Annotated Frequency List,	Ĭ
11-		www.mindspring.com/~turf/atl/elec/cfl.txt, Oct 24, 2000.	
	32	PAKHOMOV, A. G. et al., Current State and Implications of Research on	
		, Biological Effects of Millimeter Waves: A review of Literature, USA-MCMR,	
		McKesson BioServices, Brooks Air Force Base, San Antonio, Texas.—	ļ
n h	33	-PAPPAS, P.T. et al., Effects of Pulsed Magnetic Field Oscillations in	1
AM		Cancer Therapy, invited paper to Int'l Symposium on New Energy	ì
74.		sponsored by the Int'l Association for New Science, April 16-18, 1993.	
	34	PAULUS, A., Bactericidal Radiation, Journal of Applied Physics, vol. 13,	/
		May 1942.	
	35	POSTOW, E. et al., Modulated Fields and "Window" Effects, in C. Polk et	V
		, at., Handbook of Biological Effects of Electromagnetic Fields, 2 nd ed., pp.	
		535, 557, 559, 561, and 563, CRC Press, 1996.	<u> </u>
	36	RIFE, R. R., A Discussion of Laboratory Research, Jun 14, 1958,	/
		www.rife.org/dislabl.html.	
	37	RIFE, R. R., Culturization of Virus, Jul 14, 1958, www.rife.org/cultvirus.htm.	✓
	38	RIFE, R. R., History of the Development of a Successful Treatment for	1
		Lancer and Other Virus, Bacteria and Fungi, Report No. Dev – 1042, Allied	
		Industries, 4246 Pepper Drive, San Diego, Calif., Dec 1, 1953.	
	39	S&HOENBACK, K. H. et al., The Effect of Pulsed Electric Fields on	1
l i		Biological Cells: Experiments and Applications, IEEE Transactions on	
		Plasma Science, vol. 25, no. 2, pp. 284-292, Apr 1997.	
	40	SHASHLOV, V. A., On the Mechanism of Frequency-Selective Biological	1
		Effects of the EHF Radiation and the Ways to Increase Them, translated	
		from Izvestiya Vysshikh Uchebaykh Zavedenii, Radiofizika, vol. 37, no. 1,	1
		pp. 103-110, Jan 1994.	
	41	SIEDEL, R. E. et al., The New Microscopes, Smithsonian Annual Report	✓
		1944, pp. 193-220.	
	42	STYRYER, L, Biochemistry, 4 th Edition, pp. 75-77 and 788, W.H. Freeman	✓
		Yang Co., 1995.	
	43	WICORD, M. L., Chain-Length-Dependent Microwave Absorption of DNA,	✓
		→ Biopolymers, vol. 22, pp. 2513-2516, 1983.	
1 1/1	44	7 THE CHRISTCHURCH PRESS, Frequency Therapy Offers Relief, October	
		<i>a</i> 28, 1999, 1999WL28842371.	<u></u>

APR 1 9 2001

Examiner Signature Date Considered 9-5-03

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

